THE RESERVE AND ARREST TO SEE THE SEE

Ment March Their ment order of the State of the State of Their Sta

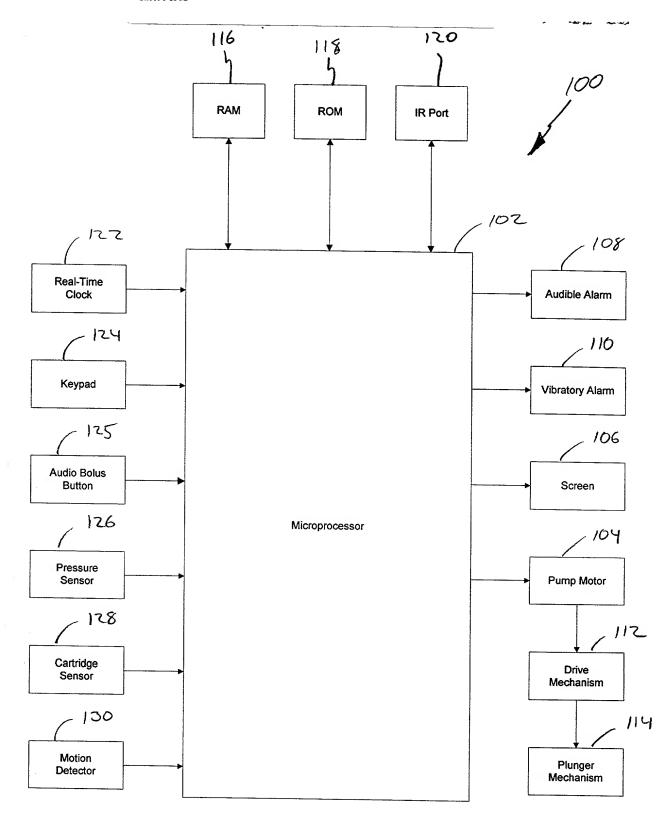


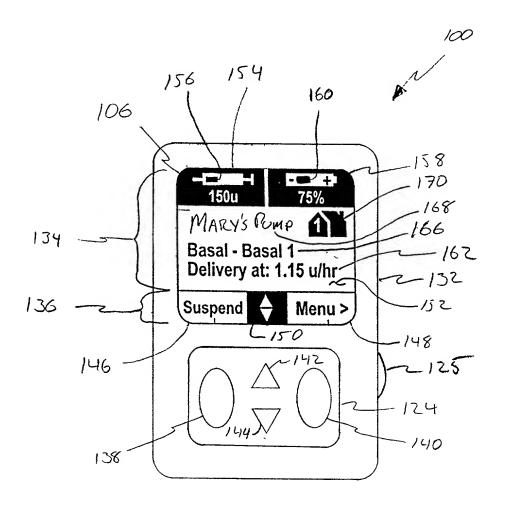
Fig. 1

Inventor: BLOMQUIST Docket No.: 9015.148US01

Title: PROGRAMMABLE INSULIN PUMP

Attorney Name: JOHN C. REICH Phone No.: 612.332.5300

Sheet 2 of 32



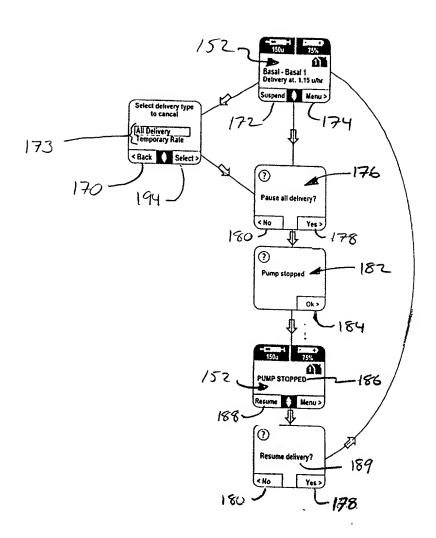
F16.2

Inventor: BLOMQUIST

Docket No.: 9015.148US01
Title: PROGRAMMABLE INSULIN PUMP

Attorney Name: JOHN C REICH Phone No: 612 332.5300

Sheet 3 of 32



F16.3

Title: PROGRAMMABLE INSULIN PUMP Attorney Name: JOHN C. REICH Phone No.: 612.332.5300 Sheet 4 of 32

The high control of the hope of the

Anne Breed Land Line House Health

190 196 198 150u 75% Pump Settings Time and Date
Beep/Vibrate
Program Lock
Personalize Basal Programs New Cartridge History Pump Settings Time & Date **M** Time 21 11 AM Date 08/16/01 Basal - Basal 1 Delivery at: 1.15 u/hr <Back Select> Suspend - Menu > Home Select 200 Done Next> C 192 194 202 Time & Date Time & Date Time 9:25 PM Date // / 10 (1) -210 212 Done Next> Done - Next> Time & Date Time & Date 204 Time 9 · 25 PM Date 11/100/01 206 Done Next> Time & Date Done Next> Time 9:25 PM Date 01/16/01 C206 Next :

F16. 4

Title: PROGRAMMABLE INSULIN PUMP Attorney Name JOHN C. REICH

Attorney Name JOHN C. RI Phone No: 612.332.5300

Sheet 5 of 32

The party was the control and the party of the p

190 196 Pump Settings Time and Date
Beep/Vibrate
Program Lock
Personalize Basal Programs New Cartridge My History Pump Settings OF Basal - Basal 1 Delivery at: 1.15 u/hr 152 < Back - Select > < Home Select > Suspend - Menu > Alert 214 Choose aled:

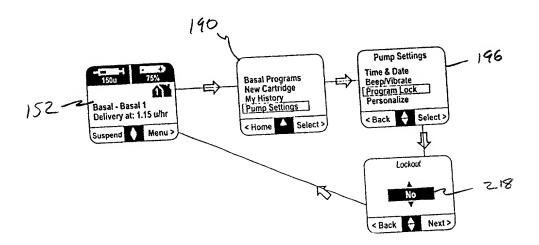
Beep Volume

Medium < Back Hext > Choose alert Beep Beep Volume 216 < Back Hext>

F16.5

Title: PROGRAMMABLE INSULIN PUMP Attorney Name JOHN C. REICH Phone No.: 612.332.5300 Sheet 6 of 32

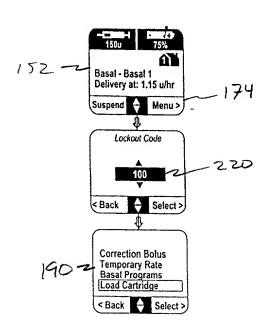
The state of the s



F16 6

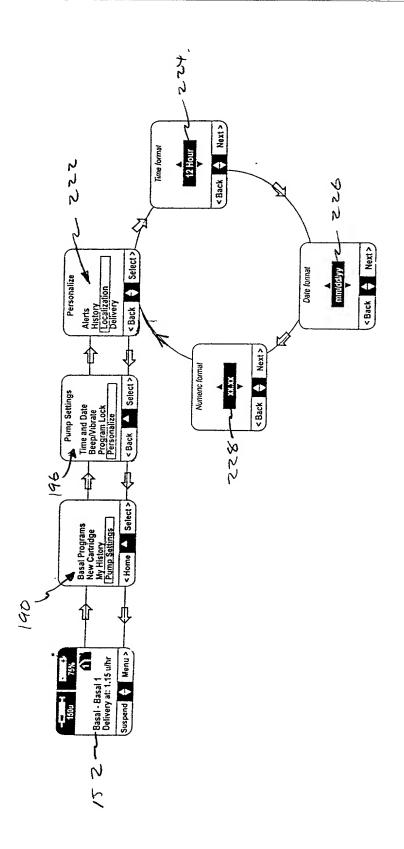
Inventor: BLOMQUIST
Docket No.: 9015.148US01
Title: PROGRAMMABLE INSULIN PUMP
Attorney Name: JOHN C. REICH
Phone No : 612.332.5300

Sheet 7 of 32

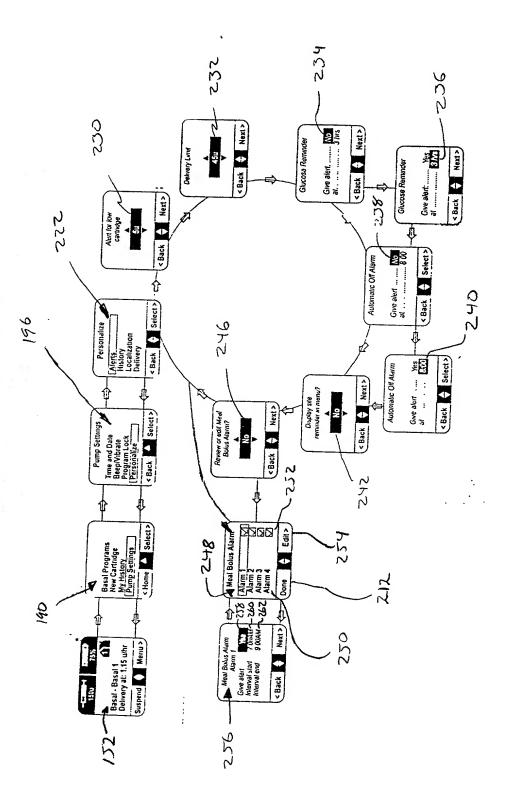


F16 7.

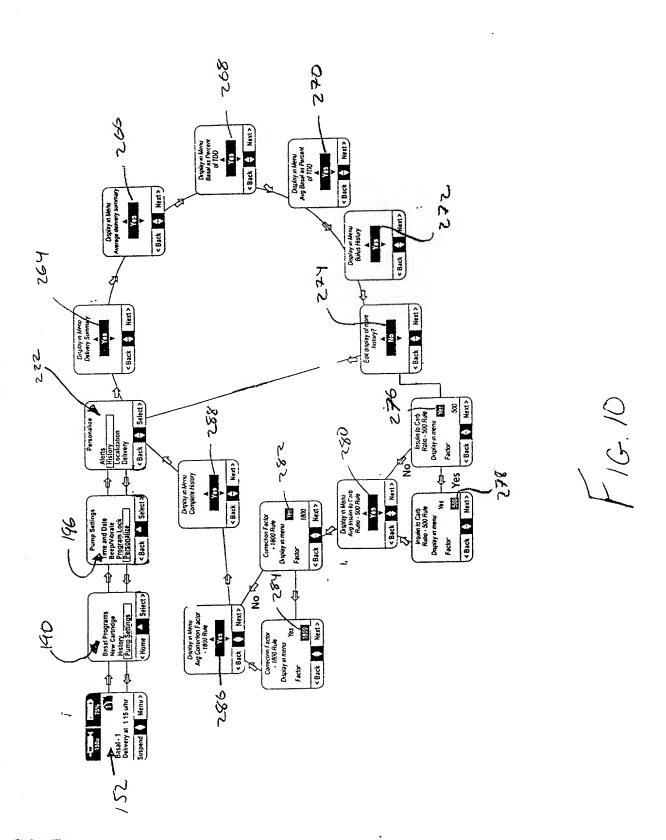
Inventor: BLOMQUIST
Docket No.: 9015.148US01
Title: PROGRAMMABLE INSULIN PUMP
Attorney Name. JOHN C REICH
Phone No.: 612.332 5300
Sheet 8 of 32

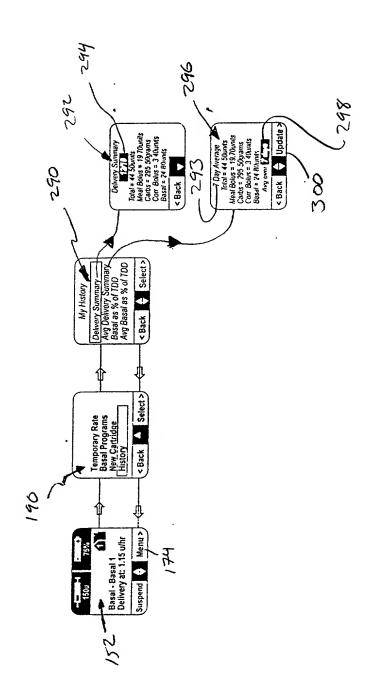


Inventor: BLOMQUIST
Docket No.: 9015.148US01
Title: PROGRAMMABLE INSULIN PUMP
Attorney Name: JOHN C. REICH
Phone No.: 612 332.5300
Sheet 9 of 32



Inventor: BLOMQUIST
Docket No.: 9015.148US01
Title: PROGRAMMABLE INSULIN PUMP
Attorney Name: JOHN C. REICH
Phone No.. 612 332 5300
Sheet 10 of 32





F 1G. 1

Inventor: BLOMQUIST Docket No. 9015.148US01 Title: PROGRAMMABLE INSULIN PUMP Attorney Name' JOHN C REICH Phone No.: 612 332.5300 Sheet 11 of 32

F16.12

Inventor: BLOMQUIST

Docket No.: 9015,1480501

Title: PROGRAMMABLE INSULIN PUMP
Automey Name JOHN C. REICH
Automey Name JOHN C. REICH

Sheet I 2 of 32

16. CS

Inventor: BLOMQUIST

Short No., 9015.148US01

Tide: PROGRAMMABLE INSULIN PUMP
Attorney Name: JOHN C. REICH

Tide: PROGRAMMABLE INSULIN PUMP
Attorney Name: BLOMQUIST

Sheet 13 of 32

Inventor: BLOMQUIST Docket No.: 9015.148US01 Title: PROGRAMMABLE INSULIN PUMP

Attorney Name: JOHN C. REICH

Phone No.: 612.332 5300 Sheet 14 of 32

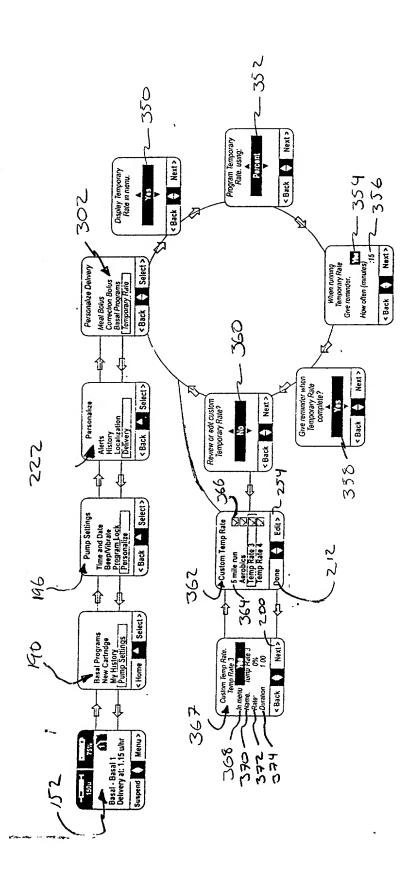
152 **ar** 们 Basal - Basal 3 Delivery at: 1.00 u/hr Basal - Basal 1 P Delivery at: 1.15 u/hr Suspend - Menu > Suspend - Menu > -190 Meal Bolus Correction Bolus Temporary Rate Basal Programs < Home 🔶 Select > 320 318 318 -Basal Programs Basal Programs Basal 1 Basal 2 Basal 3 Basal 1 ୕ଡ଼ 320 Basal 2 Basal 3 Basal 4 < Back + Select > < Back Select > 320' Basal 3 322 Edit Start using

F16.14

< Back Select >

Inventor: BLOMQUIST Docket No.: 9015.148US01 Title: PROGRAMMABLE INSULIN PUMP Attorney Name: JOHN C. REICH Phone No.: 612 332.5300

Sheet 15 of 32



16.16

Inventor BLOMQUIST

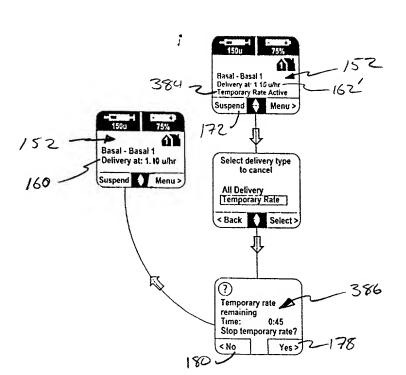
Docket No · 9015 148US01

Title· PROGRAMMABLE INSULIN PUMP
Attorney Name, JOHN C. REICH
Anget 16 of 32

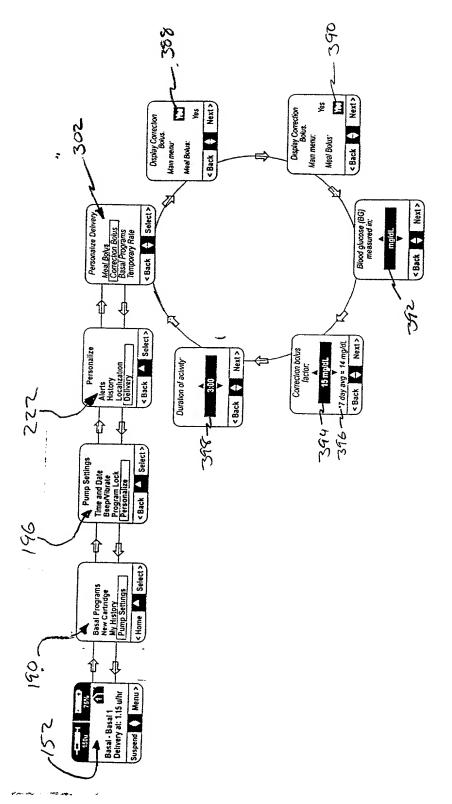
Inventor: BLOMQUIST Docket No.: 9015.148US01

Title: PROGRAMMABLE INSULIN PUMP

Attorney Name: JOHN C. REICH Phone No.: 612.332.5300 Sheet 17 of 32



F16.17



F16.18

Inventor BLOMQUIST

Docket Wo.: 9015.148US01

Attorney Vanne: JOHN C. REICH

Phone Wo. 612.332.5300

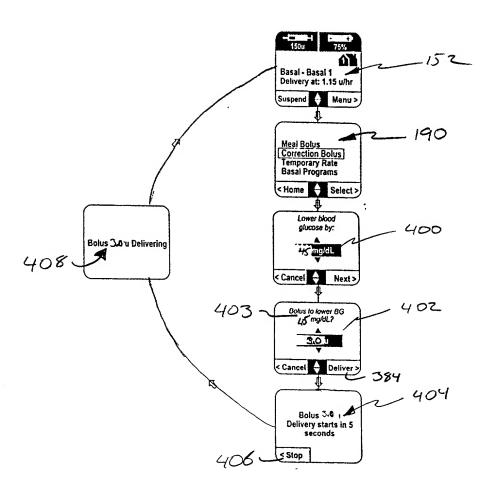
Sheet 18 of 32

Inventor: BLOMQUIST Docket No.: 9015.148US01

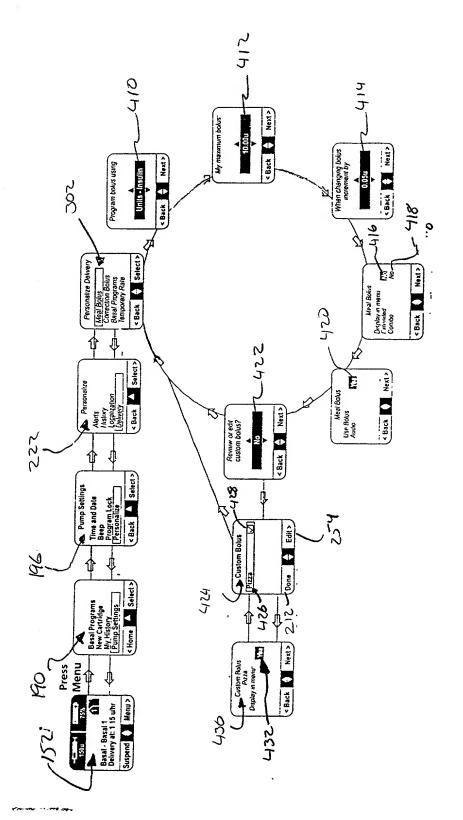
Title PROGRAMMABLE INSULIN PUMP Attorney Name JOHN C. REICH

Phone No: 612 332 5300

Sheet 19 of 32



F16.19



F16.20

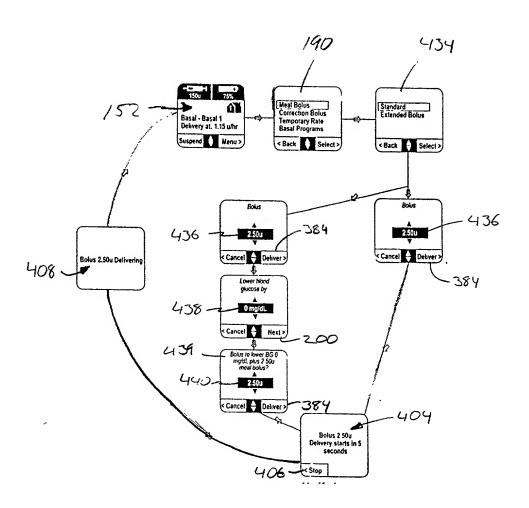
Inventor: BLOMQUIST

Docket No: 9015 148US01

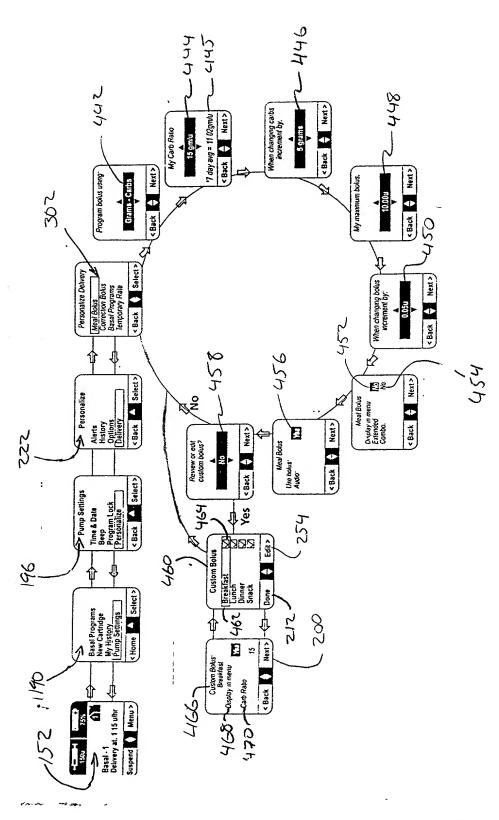
Trile- PROGRAMMABLE INSULIN PUMP
Attorney Name, JOHIN C. REICH
ATTORNEY NAME, JO

Inventor: BLOMQUIST
Docket No.: 9015.148US01
Title: PROGRAMMABLE INSULIN PUMP
Attorney Name: JOHN C. REICH
Phone No.: 612.332.5300

Sheet 21 of 32



F16.21



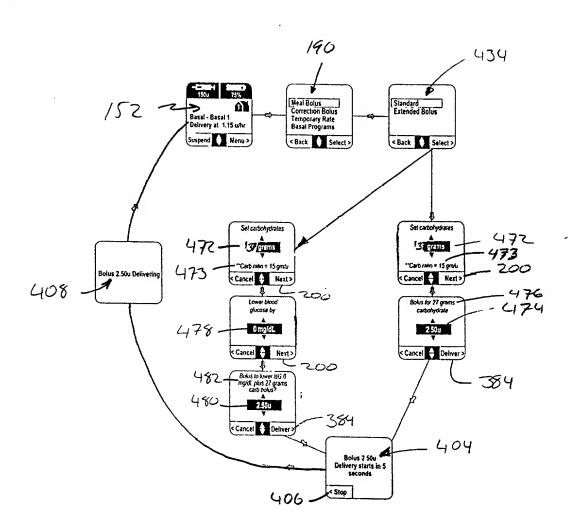
Inventor: BLOMQUIST Tride: PROGRAMMABLE INSULIN PUMP Attorney Manne, 10HM C. REICH Phone Mo., 612.332.5300 Sheet 22 of 32

Inventor: BLOMQUIST

Docket No.: 9015.148US01
Title: PROGRAMMABLE INSULIN PUMP
Attorney Name: JOHN C. REICH

Phone No.: 612.332.5300

Sheet 23 of 32



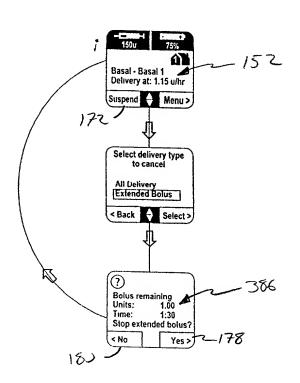
F16.23

20-

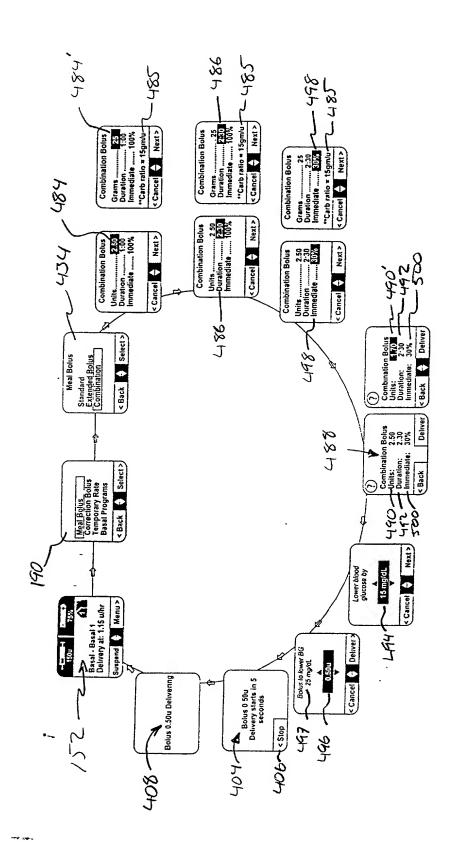
F16.24

Inventor: BLOMQUIST Poket No.: 9015.148US01 Attorney Name: 10HN C. REICH Attorney Name: 10LN PUMP Pump Name: 10LN PUMP Nam Inventor: BLOMQUIST Docket No.: 9015.148US01

Title: PROGRAMMABLE INSULIN PUMP Attorney Name: JOHN C. REICH Phone No.: 612.332.5300 Sheet 25 of 32



F16 25

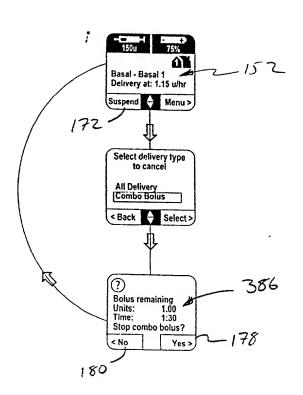


F16.26

Inventor: BLOMQUIST
Docket No.: 9015.148US01
Trile: PROGRAMMABLE INSULIN PUMP
Attorney Name: JOHIN C. REICH
Phone No.: 612.332.5300
Sheet 26 of 32

Inventor: BLOMQUIST
Docket No.: 9015.148US01
Title: PROGRAMMABLE INSULIN PUMP
Attorney Name JOHN C. REICH
Phone No.: 612.332.5300

Sheet 27 of 32



F16.27

Inventor: BLOMQUIST Docket No.: 9015.148US01 Title: PROGRAMMABLE INSULIN PUMP

Attorney Name JOHN C REICH Phone No.: 612.332.5300

Sheet 28 of 32

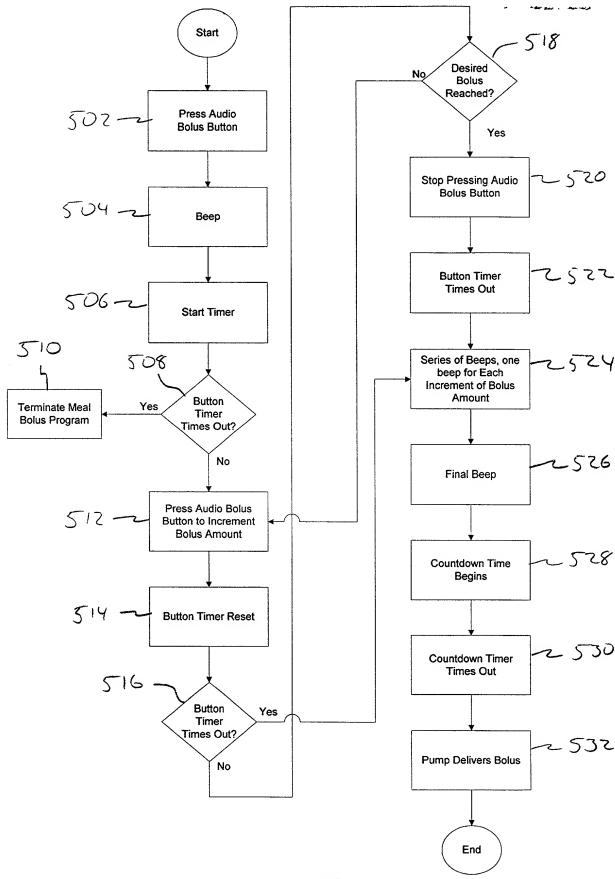
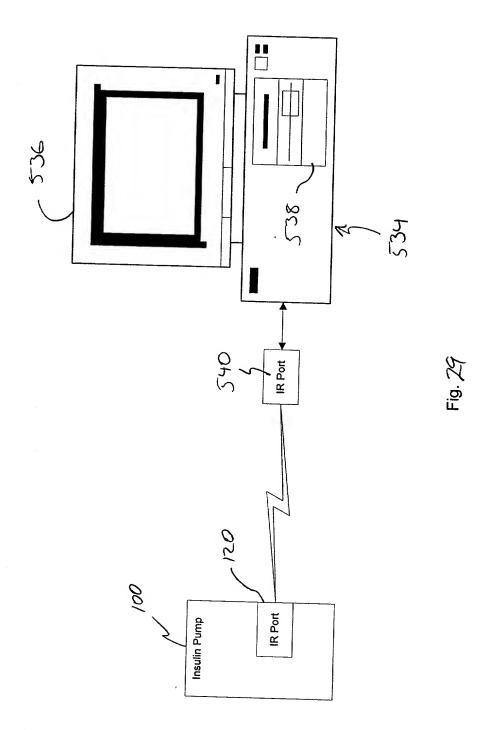
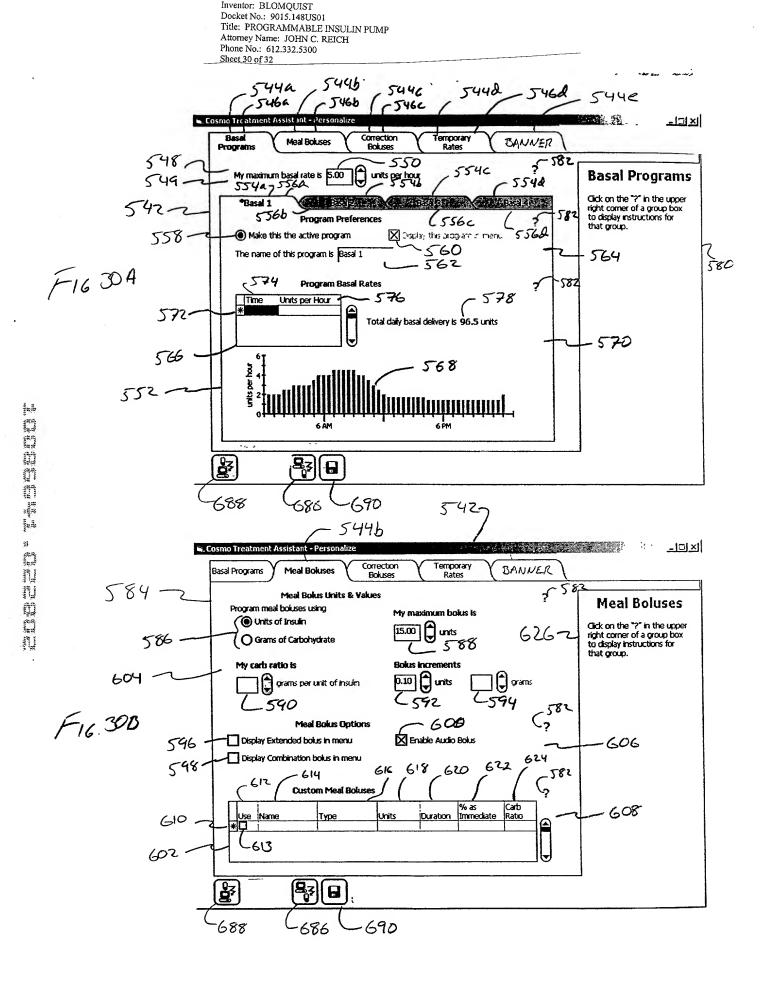


Fig. 28



Inventor: BLOMQUIST
Docket No.: 9015 148US01
Title- PROGRAMMABLE INSULIN PUMP
Automey Name JOHN C REICH
Automey Name JOHN C REICH
Sheet 29 of 32

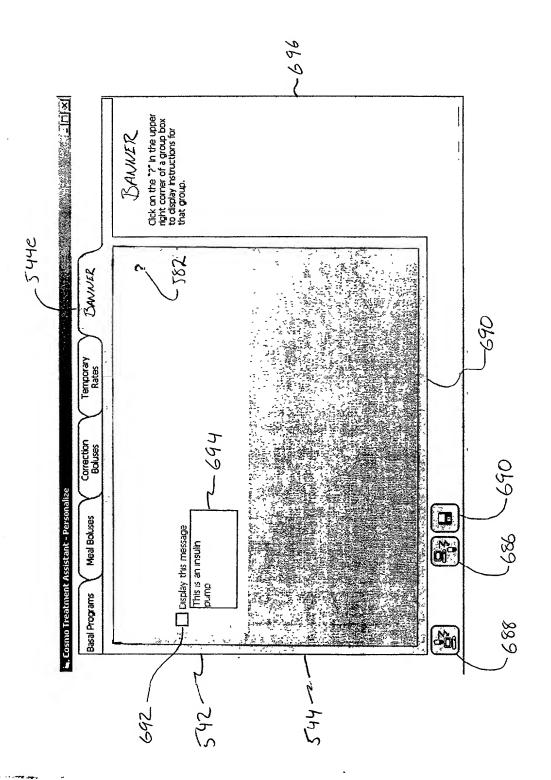


Phone No.: 612 332.5300 Sheet 31 of 32 542 5446 🖦 Cosmo Treatment Assistant - Personali BANNER Basal Programs Meal Boluses **Correction Bolus Availability** ? Correction 632. -Display in Main Menu **Boluses** Use with Meal Bolus Click on the "?" in the upper right corner of a group box to display instructions for that group. 630 Blood Glucose (BG) Blood Glucose measured in 636. O mmol/l -640 F16.30 C Correction bolus factor Insulin Action 628 Duration of action 3:00 🖺 hh:mm 644 The Little House and House Keep House the 646 690 688 5442 544e Stand Will Stand world with 18 18 18 그디XI 🖦 Cosmo Treatment Assistant - Personaliza Correction Boluses Temporary Rates Basal Programs Meal Boluses BANNER **Temporary Rate Preferences** Temporary Program rate using Display Temporary Rate in menu Rates Percent of basal **G**56 O New rate Click on the "?" in the upper right corner of a group box to display instructions for that group. **Temporary Rate Reminders** -658 When running, give reminder every 00:15 hh:mm 664 Give reminder when completed F16.300 654. 678 682 680 676 Custom Temporary Rates ? 666 % of Basal New Rate Duration 668 660 684 690

Inventor: BLOMQUIST Docket No.: 9015.148US01

Title: PROGRAMMABLE INSULIN PUMP Attorney Name: JOHN C. REICH

Inventor: BLOMQUIST Docket No.: 9015.148US01 Title: PROGRAMMABLE INSULIN PUMP Attorney Name: JOHN C. REICH Phone No: 612.332.5300 Sheet 32 of 32



F16.30E